Theriogenology 2009

Please answer the following:

1- **How can you deal with:**

a- A cow with closed pyometra.

b- Imperforated hymen.

c- Lack of sexual desire in bull.

2- **Write a brief account on:**

a- Causes of ovaritis.

b- Causes of silent heat.

c- Heat detection aids.

3- **differentiate between each tow of the pregnancy:**

a- Testicular degeneration and testicular hypoplasia.

b- Three months pregnancy and pyometra.

4- From the gynecological point of view, a cow is presented for treatment of infertility is a serious problem due to a high economic losses which disturb the owner .what are the main complains of the owner? How can you manage such problem?

سنتر ومكتبة البشير

Theriogenology 2010

Please answer the following questions:

1- **A group cows suffering from** repeat breeder after introducing a new bull. Clinical and laboratory examination revealed normal cows. Enumerate the possible causes and discuss one of them.

2- **Buffalo-cows with a history of** postpartum anestrum with a purulent vaginal discharge what could be this case. How can you deal with it.

3- **Management of the both cow and bull play an** important role in fertility. discuss.

4- **Write short note on only three of the following**:

a- chronic cervicitis.

b- Ovarian hypolasia in heifers.

c- Broken penis in station.

d- Urine laboratory test for pregnancy diagnosis in mares.

Theriogenology 2011

I- Define:

a. EMS.

b. Non breeding cow syndrome.

c. Cuboni test.

d. Finchcr's pencil test.

e. Chimerism.

II- Discuss:

a. Treatment of silent heat.

b. Chronic cervicitis in cow.

c. Treatment of bull suffering from lack of sexual desire.

d. Diagnosis of endometritis (E2).

e. Treatment of phimosis.

III- How can you differentiats between:

a. Complete bilateral ovarian hypoplasia and inactive ovaries.

b. Testis degeneration and htypoplasia.

c. Different cases of inter-sex in cattle.

d. Follicular theca cyst and mature grafian follicle.

e. True and pseudo-hermaphrodites.

سنتر ومكتبة البشير

Theriogenology 2012

1- Define the following:

Paraphimosis - Sterility hump – Periorchitis - Uterus didephysis Cunadless condition.

2- **A lack of potency or impotency is** observed certain males and is characterized by symptom ranging from a complete lack of sexual interest to a slight delay in performing normal coitus. How can you deal with a bull suffering from this problem?

3- How can you:

a- Detect patency of fallopian tubes?

b- Diagnose silent heat.

c- Treat a case with delayed ovulation?

d- Diagnose mucosal cysts.

4- What are the causes, clinical findings and treatment of ovarian inactivity in a buffalo cow?

4- Repeat breeder are those cows or heifers with regular or irregular estrus cycles but failed to conceive in spite of frequent services or inseminations and the clinical examination of genital organs showed no detectable structural or functional abnormalities. Discuss fully the causes of repeat breeder syndrome.

Theriogenology 2013

Please answer the following Questions

1. **Discuss fully** anestrum Syndrome.

2. **Define the following terms**

   a. False double cervix

   b. Heterogenesis

   c. Repeat breeder

   d. White heifer disease

   e. Rubin insufflation test

3. **Describe the clinical findings and the treatment of the following**

   a. Granulosa cell tumor in a cow

   b. Endometritis (E3) in a buffalo

4. **Illustrate the scrotal appearance and semen picture (changes) in the following affections**

   a. Anorchia

   b. Bilateral orchitis

   c. Bilateral testicular degeneration

5. **Compare** between follicular and luteal cysts with special reference to the **diagnosis** and **treatment** of these cases and **explain** the etiology (pathogenesis) of these cases.

سنتر ومكتبة البشير

Theriogenology 2014

Please answer the following questions

1. **Mention** the possible causes and line of treatment of follicular cysts in a cow.
2. **What are the causes** lead to failure of fertilization?
3. **Discuss briefly** 3rd degree of White heifer disease.
4. **How can** you treat a case of endometritis in a cow?
5. **Discuss fully** Phimosis and Paraphimosis.

سنتر ومكتبة البشير

Theriogenology 2015

Please answer the following questions,

1) **Write short note on**

a. Diagnosis and treatment of bull with acute orchitis

b. Repeat breeder due to gametes factors.

2) **Differentiate between the following:**

a. Subfunctional and subestrus anestrous.

b. Follicular cyst and luteal cyst in cow.

c. Bilateral testicular aplasia and bilateral

d. Pyometra and chronic catarrhal endometritis

3) **Write short account on**

a. Diagnosis and treatment of chronic cervicitis.

b. Differential diagnosis and prognosis of primary anestrum causes

c. Causes and sequelae of ovulatory failure.

سنتر ومكتبة التيسير